



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 1764

In re

Patent Application of

Simpson et al.

Application No. 10/689,176

Confirmation No.: 2712

Filed: October 20, 2003

Examiner: Unknown

"COMPOSITIONS FOR SEPARATING
MOLECULES"

I, Leslie Lindsay Smith, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

L. L. Smith
Signature

30 March 2004
Date of Signature

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO 1449 and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 7-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016026/9296

SERIAL NO.: 10/689,176

APPLICANT: Simpson *et al.*

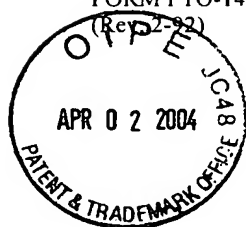
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	3,621,018	Nov 16, 1971	Hindersinn <i>et al.</i>			
	AB	4,080,171	Mar 21, 1978	Sano <i>et al.</i>			
	AC	4,220,726	Sep 02, 1980	Warshawsky			
	AD	4,238,328	Dec 09, 1980	Bowes <i>et al.</i>			
	AE	4,500,494	Feb 19, 1985	Scher			
	AF	5,047,513	Sep 10, 1991	Döbeli <i>et al.</i>			
	AG	5,175,271	Dec 29, 1992	Thomas <i>et al.</i>			
	AH	5,922,545	Jun 13, 1999	Mattheakis <i>et al.</i>			
	AI	5,981,194	Nov 09, 1999	Jefferies <i>et al.</i>			
	AJ	6,194,550	Feb 27, 2001	Gold <i>et al.</i>			
	AK	6,207,446	May 27, 2001	Szostak <i>et al.</i>			
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	AM	6,296,937	Oct 02, 2001	Pryor <i>et al.</i>			
	AN	6,379,970	Apr 30, 2002	Liebler <i>et al.</i>			
	AO	6,428,807	Aug 6, 2002	MacFarlan <i>et al.</i>			
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	AQ	2001/0039014	Nov 08, 2001	Bass <i>et al.</i>			
	AR	2001/0046680	Nov 29, 2001	Yu, Z.			
	AS	2002/0037532	Mar 28, 2002	Regnier <i>et al.</i>			
	CE	6,441,009	Aug 27, 2002	Fernandez-Pol			

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	AT	WO 00/11208	Mar 2, 2000	Univ. Washington			
	AU	WO 02/42398 A2	May 30, 2002	Unilever N.V.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AV	Altin, <i>et al.</i> , <i>Biochim. Biophys. Acta</i> , Aug 6;1513(2):131-48 (2001).
	AW	Barret, <i>et al.</i> , <i>Anal. Chem.</i> , 73: 5232 (2001).
	AX	Brandt, <i>et al.</i> , <i>Bioconj. Chem.</i> , Mar-Apr;3(2):118-25 (1992).
	AY	Coulet, <i>et al.</i> "Immobilization of enzymes on metal-chelate regenerable carriers" <i>Biotechnology and Bioengineering</i> , 23: 663-668 (1981).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Rev. 2-92) PATENT AND TRADEMARK OFFICE

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AZ	Erdogan & Houslay, <i>Biochem. J.</i> , 321: 165-175 (1997).
BA	Fornasiero, <i>et al.</i> , <i>Invest. Radio.</i> , Apr;22(4): 322-7 (1987).
BB	Frelinger, <i>et al.</i> , <i>Biotechniques</i> , Nov;31 (5): 1194 (2001)
BC	Fujihara, <i>et al.</i> , <i>Genes Cells</i> , Mar;7(3): 343-50 (2002).
BD	Gavin, <i>et al.</i> , <i>Nature</i> , 415(6868): 141-147 (2002).
BE	Gerber, <i>et al.</i> , <i>Anal. Chem.</i> , 73: 1651 (2001)
BF	Giriat <i>et al.</i> , <i>Genet. Eng.</i> , (NY), 23: 171-199 (2001).
BG	Goubran-Botros, <i>et al.</i> , <i>Biochim. Biophys. Acta</i> , May24;1074(1): 69-73 (1991).
BH	Goubran-Botros, <i>et al.</i> , <i>J. Chromatogr.</i> , Apr24;597(1-2):357-64 (1992) .
BI	Hainfeld, <i>et al.</i> , <i>J. Struct. Biol.</i> , Sep;127(2):185-98 (1999) .
BJ	Haupt, Karsten, <i>et al.</i> , <i>Anal. Biochem.</i> , Feb15;234(2):149-54 (1996).
BK	He, Mingyue, <i>Nucleic Acids Res.</i> , Aug 1;29(15):E73-3 (2001) .
BL	Hermason, Greg T., Mallia, Krishna; Smith; Paul K., <i>Immobilized Affinity Legend Techniques</i> Academic Press (1992).
BM	Hochuli, <i>et al.</i> , <i>J. Chromatogr.</i> , 411, 177-184 (1987)
BN	Ito, <i>et al.</i> , <i>J. Biol. Chem.</i> , 274, 9029-9037 (1999).
BO	Kapanidis, <i>et al.</i> , <i>J. Am Chem Soc</i> , Dec5;123(48):12123-5 (2001) .
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BQ	Laboureau, <i>et al. J. Mol. Recognit.</i> Nov-Dec;10(6):262-8 (1997).
BR	Lamla, Thorsten, <i>FEBS Lett</i> , Jul27;502(1-2):35-40 (2001) .
BS	Maniatis, <i>et al.</i> Ausubel, <i>Molecular Cloning</i> , Cold Spring Harbor Laboratory (1982).
BT	Motekaitis, <i>et al.</i> , "New multidentate ligands. XV. Chelating tendencies of diglycine-N,N-diacetic acid, triglycine-N,N-diacetic acid, and tetraglycine-N,N-diacetic acid", <i>Inorganic Chemistry</i> , 13(3) 550-9 (1974).
BU	Murata, <i>et al.</i> , <i>Anal. Sci.</i> Mar; 17(3):387-90 (2001) .
BV	Nanak, <i>et al.</i> , <i>J. Mol. Recognit.</i> , Jan-Apr;8(1-2):77-84 (1995) .
BW	Porath, <i>et al.</i> , <i>Nature</i> , 258, 598-599 (1975).
BX	Principles of Gene Manipulation, Old and Primrose, 2 nd ed., (1981).
BY	Proffitt, <i>et al.</i> , <i>J. Nucl. Med.</i> , Jan;24(1):45-51 (1983) .
BZ	Robert & Smith, <i>Curr. Opin. Chem. Biol.</i> , 6(3): 375-383 (2002)
CA	Thess, <i>et al.</i> , <i>J. Biol Chem.</i> , electronically published (July 11, 2002) .
CB	Vosters, <i>et al.</i> , <i>Protein Expr. and Purif.</i> , 3, 18-26 (1992)
CC	Xu, <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 96, 151-156 (1999) .
CD	Zhu, Heng, <i>et al.</i> , <i>Science</i> , Sep14;293(5537):2101-5 (2001) .

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